The data is from:  [https://archive.ics.uci.edu/ml/datasets/car+evaluation](https://archive.ics.uci.edu/ml/datasets/car+evaluation" \t "_blank)

**About this file**

Car Evaluation Database was derived from a simple hierarchical decision model originally developed for the demonstration of DEX, M. Bohanec, V. Rajkovic: Expert system for decision making. Sistemica 1(1), pp. 145-157, 1990.). The model evaluates cars according to the following concept structure:

* CAR car acceptability
* PRICE overall price
* buying buying price
* maint price of the maintenance
* TECH technical characteristics
* COMFORT comfort
* doors number of doors
* persons capacity in terms of persons to carry
* lug\_boot the size of luggage boot
* safety estimated safety of the car

Input attributes are printed in lowercase. Besides the target concept (CAR), the model includes three intermediate concepts: PRICE, TECH, and COMFORT. .

The Car Evaluation Database contains examples with the structural information removed, i.e., directly relates CAR to the six input attributes: buying, maint, doors, persons, lug\_boot, and safety.

Because of known underlying concept structure, this database may be particularly useful for testing constructive induction and structure discovery methods.

Attribute Information:

Class Values: unacc, acc, good, vgood

**Attributes**:

* **buying:** vhigh, high, med, low.
* **maint:** vhigh, high, med, low.
* **doors:** 2, 3, 4, 5more.
* **persons:** 2, 4, more.
* **lug\_boot:** small, med, big.
* **safety:** low, med, high.